

2590
01/07

5



OIPE

RAW SEQUENCE LISTING

DATE: 04/30/2002

PATENT APPLICATION: US/09/880,887

TIME: 13:58:20

Input Set : N:\Crf3\RULE60\09880887.raw

Output Set: N:\CRF3\04302002\I880887.raw

```

1 <110> APPLICANT: NEGRIER, CLAUDE
2   PLANTIER, JEAN LUC
3 <120> TITLE OF INVENTION: MODIFIED FACTOR VIII cDNA
4 <130> FILE REFERENCE: 06478.1441
5 <140> CURRENT APPLICATION NUMBER: 09/880,887
6 <141> CURRENT FILING DATE: 2001-06-15
8 <150> PRIOR APPLICATION NUMBER: 09/526,935
9 <151> PRIOR FILING DATE: 2000-03-16
11 <150> PRIOR APPLICATION NUMBER: EP 99104050.2
12 <151> PRIOR FILING DATE: 1999-03-17
13 <160> NUMBER OF SEQ ID NOS: 22
14 <170> SOFTWARE: PatentIn Ver. 2.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 30
18 <212> TYPE: DNA
19 <213> ORGANISM: Homo sapiens
20 <400> SEQUENCE: 1
21   acacccatgg aaatagagct ctccacctgc
23 <210> SEQ ID NO: 2
24 <211> LENGTH: 24
25 <212> TYPE: DNA
26 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 2
28   agtcctgaag ctagatctct ctcc
30 <210> SEQ ID NO: 3
31 <211> LENGTH: 26
32 <212> TYPE: DNA
33 <213> ORGANISM: Homo sapiens
34 <400> SEQUENCE: 3
35   aatatggaga gagatctagc ttcagg
37 <210> SEQ ID NO: 4
38 <211> LENGTH: 36
39 <212> TYPE: DNA
40 <213> ORGANISM: Homo sapiens
41 <400> SEQUENCE: 4
42   ttctcgtcga cgtcttcttg gttcaatggc attggt
44 <210> SEQ ID NO: 5
45 <211> LENGTH: 34
46 <212> TYPE: DNA
47 <213> ORGANISM: Homo sapiens
48 <400> SEQUENCE: 5
49   aagacgtcga cgagaaataa ctcgtagctac tctt
51 <210> SEQ ID NO: 6

```

ENTERED

30

24

26

36

34

RAW SEQUENCE LISTING

DATE: 04/30/2002

PATENT APPLICATION: US/09/880,887

TIME: 13:58:20

Input Set : N:\Crif3\RULE60\09880887.raw

Output Set: N:\CRF3\04302002\I880887.raw

```

52 <211> LENGTH: 26
53 <212> TYPE: DNA
54 <213> ORGANISM: Homo sapiens
55 <400> SEQUENCE: 6
56     agcatgtaga tgctcgccaa taaggc                26
58 <210> SEQ ID NO: 7
59 <211> LENGTH: 28
60 <212> TYPE: DNA
61 <213> ORGANISM: Homo sapiens
62 <400> SEQUENCE: 7
63     atttggcggg tggaatgcct tattggcg                28
65 <210> SEQ ID NO: 8
66 <211> LENGTH: 33
67 <212> TYPE: DNA
68 <213> ORGANISM: Homo sapiens
69 <400> SEQUENCE: 8
70     acacctogag tcagtagagg tcctgtgcct cgc                33
72 <210> SEQ ID NO: 9
73 <211> LENGTH: 312
74 <212> TYPE: DNA
75 <213> ORGANISM: Homo sapiens
76 <400> SEQUENCE: 9
77     gtttgtttat gcatcctttt ttaaaataca ttgagtatgc ttgcctttta gatatagaaa 60
78     tatctgatgc tgtcttcttc actaaatttt gattacatga ttgacagca atattgaaga 120
79     gtctaacagc cagcacgcag gttggtaagt actgtgggaa catcacagat ttggctcca 180
80     tgccctaaag agaaattggc tttcagatta ttgggattaa aaacaaagac tttcttaaga 240
81     gatgtaaaat tttcatgatg ttttcttttt tgctaaaact aaagaattaa cgcgtattct 300
82     tttacatttc ag                                312
84 <210> SEQ ID NO: 10
85 <211> LENGTH: 15
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
90     oligonucleotide
91 <400> SEQUENCE: 10
92     taagtcatgc aaata                                15
94 <210> SEQ ID NO: 11
95 <211> LENGTH: 15
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
100     oligonucleotide
101 <400> SEQUENCE: 11
102     acacccatgg aaata                                15
104 <210> SEQ ID NO: 12
105 <211> LENGTH: 12
106 <212> TYPE: PRT

```

RAW SEQUENCE LISTING

DATE: 04/30/2002

PATENT APPLICATION: US/09/880,887

TIME: 13:58:20

Input Set : N:\Crf3\RULE60\09880887.raw

Output Set: N:\CRF3\04302002\I880887.raw

```

107 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
110 peptide
111 <400> SEQUENCE: 12
112   Pro Arg Arg Arg Arg Glu Ile Thr Arg Thr Thr Leu
113       1               5               10
115 <210> SEQ ID NO: 13
116 <211> LENGTH: 4
117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
121 peptide
122 <223> OTHER INFORMATION: "Domain B" insert between residues 2 and 3
W--> 123 <400> 13
124   Pro Arg Arg Glu
125       1
127 <210> SEQ ID NO: 14
128 <211> LENGTH: 28
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
133 oligonucleotide
134 <400> SEQUENCE: 14
135   catgcatacct tttttaaaat acattgag
136                                     28
137 <210> SEQ ID NO: 15
138 <211> LENGTH: 26
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
143 oligonucleotide
144 <400> SEQUENCE: 15
145   aacgcgttaa ttcttttagtt ttagca
146                                     26
147 <210> SEQ ID NO: 16
148 <211> LENGTH: 35
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
153 oligonucleotide
154 <400> SEQUENCE: 16
155   aatgcataaaa caaaccttgc gtccacaggc agctc
156                                     35
157 <210> SEQ ID NO: 17
158 <211> LENGTH: 42
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/880,887

DATE: 04/30/2002

TIME: 13:58:20

Input Set : N:\Crf3\RULE60\09880887.raw

Output Set: N:\CRF3\04302002\I880887.raw

```

161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
163     oligonucleotide
164 <400> SEQUENCE: 17
165     aacgcgtatt cttttacatt tcagatttcc tcctagagtg cc          42
167 <210> SEQ ID NO: 18
168 <211> LENGTH: 21
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
173     oligonucleotide
174 <400> SEQUENCE: 18
175     ttctctacat actagtaggg c          21
177 <210> SEQ ID NO: 19
178 <211> LENGTH: 35
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
183     oligonucleotide
184 <400> SEQUENCE: 19
185     aatgcataaa caaactgtgc atgatgttgg aggct          35
187 <210> SEQ ID NO: 20
188 <211> LENGTH: 42
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
193     oligonucleotide
194 <400> SEQUENCE: 20
195     aacgcgtatt cttttacatt tcaggcatca atggctatgt tt          42
197 <210> SEQ ID NO: 21
198 <211> LENGTH: 37
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
203     oligonucleotide
204 <400> SEQUENCE: 21
205     aatgcataaa caaacctggg ttttccatcg acatgaa          37
207 <210> SEQ ID NO: 22
208 <211> LENGTH: 42
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
213     oligonucleotide
214 <400> SEQUENCE: 22

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/880,887

DATE: 04/30/2002

TIME: 13:58:20

Input Set : N:\Crf3\RULE60\09880887.raw

Output Set: N:\CRF3\04302002\I880887.raw

215 aacgcgtatt cttttacatt tcaggtctat ggattctggg gt

42

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/880,887

DATE: 04/30/2002

TIME: 13:58:21

Input Set : N:\Crf3\RULE60\09880887.raw

Output Set: N:\CRF3\04302002\I880887.raw

L:123 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:13